Bar Chart for Construction of Samudhaya Bhavana Building and Bus shelter & providing grill fencing and other development works at 407 SFS park, 707 SFS park, Sri madivala machideva park and Major Sandeep Unnikrishnan Park of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants (PACKAGE-02).

INDEX

0-20%
0-40%
0-60%
0-80%
0-100%

Bill: Second and Final Bill

Sl.No	Description of work	% Completed	Progress Chart (20% / 40% / 60% / 80% / 100%)
1	Demolishing cement concrete manually/ by mechanical means including disposal of material to	99	
2	Demolishing stone rubble masonry In cement mortar manually/ by mechanical means including	99	
3	Earth work in surface excavation by mechanical means for lowering & leveling the ground without	100	
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key	98	
5	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as	100	
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and	64	
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation.	100	
8	Providing and laying in position Reinforced cement concrete for all Sub structures of building.	100	

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Sl. No.	Description of work	% Completed	Progress Chart
			20% 40% 60% 80% 100%
9	STonnes Providing Size Stone masonry (Available STonnes) with hard stone in foundation & plinth	99	
10	Providing Coursed rubble masonry (first sort) with hard stone in foundation and plinth with Cement	96	
11	Providing Coursed rubble masonry (Second sort) with hard stone in foundation and plinth with Cement	67	
12	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size	100	
13	Providing and laying in position Reinforced cement concrete M20 Using 20 mm nominal size graded	100	
14	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per	98	
15	Providing Flush/ Ruled pointing: Pointing on stone work with cement mortar 1:3 (1 cement : 3	100	
16	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth.	25	
17	Removing & Restting of Kerb Stone (Approved Rate)	100	
18	Providing and fixing pre cast solid cement concrete kerb sTonnes made out of M20 with top and	100	
19	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered	100	

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	Description of work	% Completed	Progress Chart				
			20%	40%	60%	80%	100%
20	Construction of Median and Island with Soil Taken from Borrow Areas Construction of median and	100					
21	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification	100					
22	Providing and laying Cement concrete pavement with 1:2:4 for commercial & residential building	100					
23	Providing and laying 52 mm thick cement concrete flooring with concrete hardener topping, under	100					
24	Providing, laying & fixing cement base, precast, pre polished cement	100					
25	Fabricating,providing and erecting in position of MS Hot Dip	99					
26	Fabrication, providing and erecting in position Hot dip galvanised	100					
27	Removing & Resetting of Cobble Stone (Approved Rate)	100					
28	Providing and laying heavy duty cobble sTonnes 60mm thick	100					
29	Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm	100					
30	Painting Steel work with Deluxe Multi Surface Paint to give an	100					
31	Providing & fixing precast Bollards of size 150mm dia 0.90m	40					
32	Executive Bench: Made out of Sadarahally Grey Stone with hand	100					
33	Loading and Unloading of Stone Boulder/Stone	100					

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	Description of work	% Completed	Progress Chart
			20% 40% 60% 80% 100%
34	Earth work excavation by manual means for drains,canals, waste	30	
35	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates	51	
36	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded	41	
37	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal	0	
38	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal	60	
39	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal	100	
40	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal	72	
41	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal	84	
42	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal	100	
43	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal	73	
44	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for	59	

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	Description of work	% Completed	Progress Chart				
			20%	40%	60%	80%	100%
45	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for	100					
46	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1	0					
47	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm	32					
48	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm	86					
49	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm	100					
50	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm	97					
51	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm	100					
52	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded	100					
53	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded	100					
54	Providing and laying in position Reinforced cement concrete for all Sub structures of building,	91					
55	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including	0					

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	Description of work	% Completed	Progress Chart				
			20%	40%	60%	80%	100%
56	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar	0					
57	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry	42					
58	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry	88					
59	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4	100					
60	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4	100					
61	Providing and applying white cement based putty of average thickness 1 mm, of approved	4					
62	Providing and applying white cement based putty of average thickness 1 mm, of approved	0					
63	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even	7					
64	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even	0					
65	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @	61					
66	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @	0					

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	Description of work	% Completed	Progress Chart				
			20%	40%	60%	80%	100%
67	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat	0					
68	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per	0					
69	Providing and laying water proofing treatment to the Roof with PU based single component	0					
70	Providing and laying water proofing treatment to the Roof with PU based single component	100					
71	Providing and laying of 1.5 mm thick SBS modified self adhesive single stick waterproofing	0					
72	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats.	100					
73	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC(Matching	0					
74	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching	62					
75	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching	64					
76	Providing & fixing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height	0					
77	Providing & fixing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height	0					

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	Description of work	% Completed	Progress Chart				
			20%	40%	60%	80%	100%
78	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to	0					
79	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to	100					
80	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross- section 90 mm x	0					
81	Providing and fixing to existing door frames. 30 mm thick Glass Fibre	0					
82	Providing Mathi/Nandi wood frames of doors, windows, clerestory windows, ventilators	0					
83	Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors with stiles and	0					
84	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90	0					
85	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @	100					
86	Providing and laying vitrified floor tiles in different sizes 500x500 mm (thickness to be specified by	0					
87	Providing and laying vitrified floor tiles in different sizes 500x500 mm (thickness to be specified by	100					
88	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with	0					

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	Description of work	% Completed	Progress Chart				
			20%	40%	60%	80%	100%
89	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with	100					
90	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as	80					
91	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as	100					
92	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting,	79					
93	Providing and fixing of Aluminium composite panel of approved make and colour for wall	80					
94	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc.,	80					
95	Providing and fixing 18 mm thick gang saw cut granite of any color and shade, mirror polished,	100					
96	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement	99					
97	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement	60					
98	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer)	0					
99	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by	0					

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	Description of work	% Completed	Progress Chart
			20% 40% 60% 80% 100%
100	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622	0	
101	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm,	0	
102	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm,	100	
103	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from	0	
104	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from	100	
105	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other	33	
106	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other	52	
107	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and	11	
108	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and	16	
109	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.	60	
110	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.	90	

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	Description of work	% Completed	Progress Chart				
			20%	40%	60%	80%	100%
111	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair	50					
112	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair	100					
113	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade	100					
114	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade	100					

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